UTAH OIL AND GAS CONSERVATION COMMISSION FIXEXXXXXX WATER SANDS REMARKS GAS ELECTRIC LOGS LOCATION INSPECTED SUB. REPORT/abd alane CHANGE Well never drilled-5-17-82 Application DATE FILED 7 - 30 - 81LAND: FEE & PATENTED STATE LEASE NO PUBLIC LEASE NO INDIAN U-15877 * 6-29-82 DRILLING APPROVED: 8-14-81 SPUDDED IN COMPLETED: PUT TO PRODUCING INITIAL PRODUCTION GRAVITY A.P.I. GOR. PRODUCING ZONES TOTAL DEPTH: WELL ELEVATION: 18.84 LA DATE ABANDONED: WILDCAT FIELD: UNIT: COUNTY: UTNTAH WELL NO. DUNCAN#4 APT#43-047-31060 FT. FROM-(E) (W) LINE LOCATION FT. FROM (N) (S) LINE, 1/4 - 1/4 SEC. 755 1979 NE NW 33 RGE SEC. **OPERATOR OPERATOR** TWP TWP RGE SEC. 15\$ 23E 33

TEXAS OIL & GAS CORP.

1800 LINCOLN CENTER BUILDING DENVER. COLORADO 80264

TELEPHONE (303) 861-4246

July 29, 1981

Utah Division of Oil, Gas & Mining 1588 West North Temple Salt Lake City, Utah 84116

Attention: Mr. Cleon Feight

Re: Duncan Federal #4

Section 33-T15S-R23E Uintah County, Utah

Gentlemen:

Enclosed for your review and approval are three copies of an Application for Permit to Drill for the above-referenced well location. Copies of the survey plat, and blowout preventer diagram are also submitted in triplicate.

If you have any questions, please contact me at this office.

Very truly yours,

TEXAS OIL & GAS CORP.

Paul Urban

Environmental Scientist

PU/BS Enclosures/as stated

BECEIVED

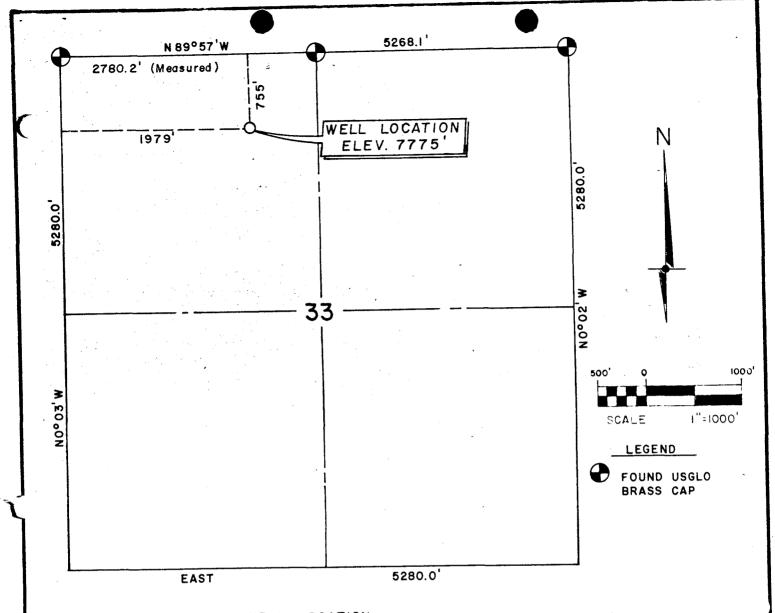
JUL 31 1981

DIVISION OF OIL, GAS & MINING

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES

	DEPARTMENT	OF THE INTER	RIOR	ł	5. LEASE I	ESIGNATION AND S	ERIAL NO.
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b. TYPE OF WELL			NOVE CO. MILLERY			÷	
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2. NAME OF OPERATOR						an Federal	
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zone. If proposal is to preventer program, if an	drill or deepen directiona	lly, give pertinent data o	n subsurface locations a	nd measure	d and true v	rertical depths. G	ive blowout
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WELL LOCATION

755 FT. S.N.L. - 1979 FT. E. W. L. SECTION 33 , T. 15 S. , R. 23 E. , S.L.B. & M. UINTAH COUNTY, UTAH

SURVEYOR'S CERTIFICATE

I, Edward A. Armstrong , a registered land surveyor in the State do hereby certify that this survey was made under my of Utah direct supervision and that this plat represents said survey.

EDWARD A. ARMSTRONG

P.E. B. L.S. 4464

REVISED: 7-20-81

ARMSTRONG ENGINEERS and ASSOCIATES, INC. ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING 861 ROOD AVENUE - GRAND JUNCTION, COLORADO 81501 - (303) 245-3861

1"=1000 TEXAS OIL & GAS CORP. 6/30/81 #4 DUNCAN FEDERAL

> Exhibit 2 Survey Plat

JOB NUMBER 813455

RLC

EDWARD A ARMSTRUNG

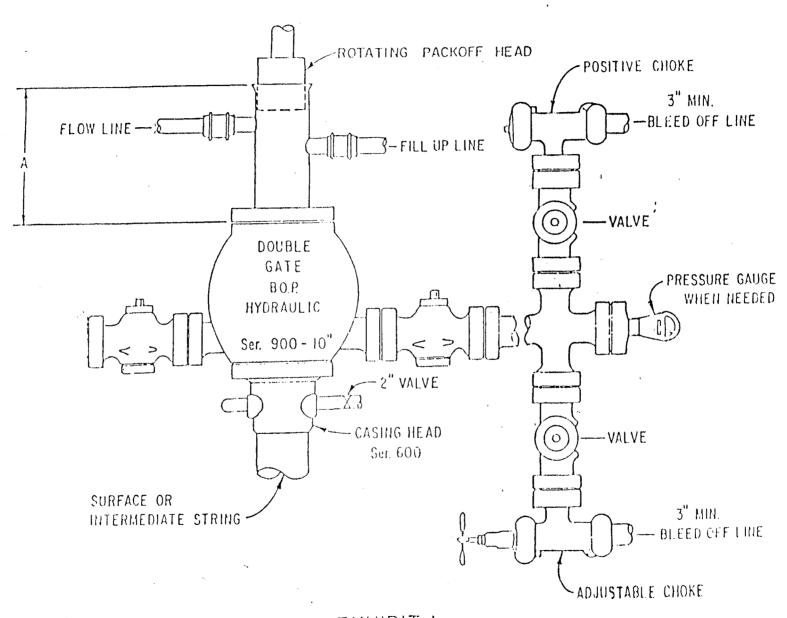


EXHIBIT I
BLOWOUT PREVENTER DIAGRAM

** FILE NOTATIONS **

DATE:
OPERATOR: Jeyas dilt Has corp.
WELL NO: Dungan Federal #4
Location: Sec. 83 T. 188 R. 238 County: Wintal
File Prepared: DEntered on N.I.D: I
Card Indexed: Completion Sheet:
API Number 43-947-31060
CHECKED BY:
Petroleum Engineer:
Director: OK is per oplian consilyale
Administrative Aide: of as Per dader Below,
APPROVAL LETTER:
Bond Required: Survey Plat Required:
Order No. 149 6 3-26-81 O.K. Rule C-3
Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site
Lease Designation Fed Plotted on Map
Approval Letter Written
Hot Line P.I.

August 14, 1981

Texas Oil & Gas Corp. 1800 Lincoln Center Bldg. Denver, Colo. 80264

RE: Well No. Duncan #4, Sec. 33, T. 15S, R. 23E, Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 149-6, dated March 26, 1981.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer Office: 533-5771 Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-31060.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleion B. Feight Director

CBF/db CC: USGS Form 9-331

- Strayer

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For	m A	pproved	l.	
Buc	get	Bureau	No.	42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.) 1. oil gas well XX other 2. NAME OF OPERATOR TXO Production Corp. 3. ADDRESS OF OPERATOR 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) 755' FNL, 1979' FWL, AT SURFACE: Sec. 33-T15S-R23E AT TOP PROD. INTERVAL: AT TOTAL DEPTH: same 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF GRACTURE TREAT G	Dec. 1973	Budget Bureau No. 42-R1424
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of Texas Oil & Gas Corp. have been reorganized into a new corporate ITXO Production Corp. As a consequence, the operator name for this we changed to "TXO Production Corp.", as indicated above in Item 2. Subsurface Safety Valve: Manu. and Type	including estimated date of starting any proposed work. If well is d	lirectionally drilled give subsurface locations an
18. I hereby certify that the foregoing is true and correct SIGNED	of Texas Oil & Gas Corp. have been reorganized TXO Production Corp. As a consequence, the op-	l into a new corporate branch, cerator name for this well is
	18. I hereby certify that the foregoing is true and correct	
	Charles K Curlee TITLE Environmental	Adm. DATE // 7/0/
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APPROVED BY TITLE DATE	ADDROVED DV	



Scott M. Matheson, Governor Temple A. Reynolds, Executive Director Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

May 6, 1982

TXO PRODUCTION COMPANY 1800 Lincoln Center Bldg. Denver, Colorado 80264

Re: See attached

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse Clerk Typist Well No. Lauck Federal #1 Sec. 29, T. 16S, R. 25E. Grand County, Utah

Well No. Lauck Federal #2 Sec. 29, T. 16S, R. 25E. Grand County, Utah

Well No. Hancock Federal #1-X Sec. 5, T. 17S, R. 25E. Grand County, Utah

Well No. Winter Ridge Federal #1 Sec. 33, T. 15S, R. 22E. Uintah County, Utah

Well No. Duncan Federal #3 Sec. 28, T. 15S, R. 23E. Uintah County, Utah

Well No. Duncan Federal #4 Sec. 33, T. 15S, R. 23E. Uintah County, Utah



TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

May 17, 1982

Utah Division of Oil, Gas and Mining 4241 State Office Building Salt Lake City, Utah 84114

Attention: Cari Furse

Re: Various Wells

Grand & Uintah Counties, Utah

Dear Sir/Madam:

TXO Production Corp. has received your May 6, 1982 letter inquiries concerning the status of various wells locations in Grand and Uintah Counties, Utah. The current status and comments for each well are given below:

14

Arco Federal "B" #2 Section 6, T16S-R25E Grand County, Utah Well deferred; cancel permit

Asphalt Creek Federal #2 Section 10-T12S-R24E Uintah County, Utah Well to be drilled in late 1982 or early 1983; reserve permit

Baumgartner Federal #1 Section 25-T16S-R24E Grand County, Utah

Well to be drilled in fall 1982; reserve permit

Duncan Federal #3 Section 28-T15S-R23E Uintah County, Utah

Well to be moved; cancel permit; will submit new APD for new location

Duncan Federal #4 Section 33-T15S-R23E Uintah County, Utah

Well to be moved; cancel permit; will submit new APD for new location

Grynberg Federal #1 Section 28-T16S-R25E Grand County, Utah Well to be drilled in fall 1982 or spring 1983; reserve permit

Hancock Federal #1-X Section 5-T17S-R25E Grand County, Utah Well drilled April-May 1981; Form OGC-8-X submitted May 26, 1981; Completion Report will be submitted under separate

MAY 19 1982

DIVISION OF SIL GAS & PERMING



Page Two May 17, 1982

> Hougen Federal "A" #1 Section 14-T17S-R24E Grand County, Utah

Well to be drilled late 1982 or early 1983; reserve permit

Lauck Federal #1 Section 29-T16S-R25E Grand County, Utah Well to be moved; cancel permit; will submit new APD for new location

Lauck Federal #2 Section 29-T16S-R25E Grand County, Utah Well may be moved; reserve permit for current location

Moxa Federal "A" #1 Section 4-T16S-R26E Grand County, Utah Well drilled May-June 1981; water sands and Completion Report will be submitted under separte cover

Wall Federal #1 Section 30-T16S-R25E Grand County, Utah Well to be drilled late 1982 or early 1983; reserve permit

Winter Ridge Federal #1 Section 33-T15S-R22E Uintah County, Utah

VX

Well will not be drilled; cancel permit

The drilling schedule for wells that will be drilled is tentative and subject to change. Nonetheless, the permits should be retained as valid. Completion and water sands reports for wells drilled in 1981 are forthcoming. I trust that our drilling and reporting delays have not inconvenienced your office.

Very truly yours,

TXO PRODUCTION CORP.

Charles K. Curlee

Environmental Administrator

CKC/BS

SUBMIT IN TRI (Other instructions on

Form approved.
Budget Bureau No. 42-R1425.

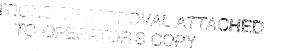
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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout pre

preventer program, if any.		
signed R.E. Dashper	TITLE District Drilling Engineer	DATE June 8, 1982
(This space for Federal or State office use)	APPROVAL DATE	
APPROVED BY APPROVAL, IF ANY:	FOR E.W. GUYNN DISTRICT OIL & GAS SUPERVISOR .	SEP 0 3 1982



FL AING OF VENTING OF 3×3 19 CUBUECT TO NTL 4-A DATED 1/1/80

State Oil & San

United States Department of the Interior Minerals Management Service 2000 Administration Building 1745 West 1700 South Salt Lake City, Utah 84104-3884

	NEPA	CATEGORICAL EXCLUSION REVIEW Production Corporation Well	10 S
PROJECT IDENT	IFICATION		
Operator	TXO	Production Cosporation	ED FRATIONS
Project Type	Gas		
Project Locati	ion 575	5'FSL 934'FWL Section 33, T.15S, R.	23 E.
		Lease No	
Date Project S	Submitted _	June 11, 1982	
FIELD INSPECTI	I <u>ON</u> Date	June 28, 1982	
Field Inspecti Participants _	ion Greg	Darlington - MMS, Vernal	
i num	Paul	Vrban - TXO Production	
	Dallas	Galley - Galley Construction	
_			-
I hayo mayiqya	d the prese	oral in accordance with the esterowice.	•
review guideli	nes. This	psal in accordance with the categorical exclusion proposal would not involve any significant effect	ts

therefore, does not represent an exception to the categorical exclusions.

June 29, 1982

Date Prepared

I concur

'JUL 0 1 1982

FOR E. W. GUYNN DISTRICT OIL & GAS SUPERVISOR

District Supervisor

Date

Proposed actions:

TXO Production Corporation plane to dril the Dunian tederal #4 well on State land and Tederal Minerale lease. The web is to be an 8400' gas test of various formations. A new access road of about 305 whenthe will be needed to wach the location, an area of operations 195 by 325 is planned for the location, Two cattleguards may be needed along the access road which is presently a narrow jeep trail.

Recommended approval Conditions:

The operator speed to accept and address to the plane outlined in the APD:

- 1. BLA State of Utah stipulations and required
 2. Lease objections State of Way sagreements with the State
 of Utah.
- 3. Provide alqueto logo for the identification of other sincel so requoted in the Minual Evaluation Report and Mining Report.

FIELD NOTES SHEET

Date of Field Inspection: June 28,1982
Well No .: Duncan#+
Lease No.: <u>U-15877</u>
Approve Location:
Approve Access Road:
Modify Location or Access Road: Mygude access
Rearrange Topsail to between women 2 and stake 3.

Evaluation of Criteria for Categorical Exclusion

- 1. Public Health and Safety
- 2. Unique Characteristics
- 3. Environmentally Controversial Items
- 4. Uncertain and Unknown Risks
- 5. Establishes Precedents
- 6. Cumulatively Significant
- 7. National Register Historic Places
- 8. Endangered/Threatened Species
- 9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

topography) State of Itak stipulations probably should include topography) State of Itak stipulations probably should include two cattlegrands on this one unless livestock are moved from the area when drilling on the 3/2 mile access tood one cattleguard at 23/4 miles and another at 3.1 miles from the location, long jeep trail access soud needs upgrading for all 3/2 miles.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Feder Corre- spondence (date)	al/State Aa Phone check (date)	meeting (date)	Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
Public health and safety	(date)	(60,20)					2,4,6	June 28 1982	
Unique characteristics							2,4,6		. :
Environmentally controversial					-		2, 4,6		
. Uncertain and unknown risks							2,4,6		
 Establishes precedents 							2,4,6		
. Cumulatively significant							2,4,6		
'. National Register historic places	·						6 state		
 Endangered/ threatened species 							6 State		
9. Violate Federal, State, local, triballow							2,4,6	1	

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

- Surface Management Agency Input
- Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
- Lease Stipulations/Terms
- 4. Application Permit to Drill
- 5. Operator Correspondence
- 6. Field Observation
- 7. Private Rehabilitation Agreement
- 8. Onsite Requirements Other than the Items 1.-7.



TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

June 9, 1982

Mr. Cleon Feight, Director State of Utah Department of Natural Resources Division of Oil, Gas & Mining 4241 State Office Building Salt Lake City, Utah 84114

Re: Duncan Federal #4

Section 33-T15S-R23E Uintah County, Utah

Dear Mr. Feight:

Enclosed for your review and approval please find one copy of the APD/MSUOP package for the captioned well location, which we submitted to the Salt Lake City MMS office as of this date. We had begun permitting this well in the NE/4 of the NW/4 but after geologic considerations moved the well to its present location in the SW/4 of the SW/4 of the same section. Therefore, we are initiating the permit process again for this new location.

If you have any questions regarding this submittal, please contact me at this office.

Very truly yours,

TXO PRODUCTION CORP.

Paul Urban

Environmental Scientist

PU/BS Enclosures/as stated

> DECEIVED JUN 11 1982

DIVISION OF OIL, GAS & MINING



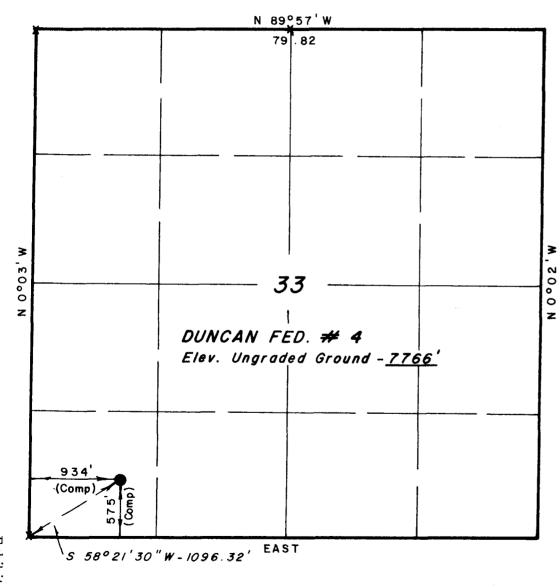
Form approved. Budget Bureau No. 42-R1425.

DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIP

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T15S, R23E, S.L.B.&M.



X = Section Corners Located

PROJECT

TXO PRODUCTION CORP.

Well location, DUNCAN FED. #4 located as shown in SWI/4 SWI/4, Section 33, TI5S, R23E, S.L.B.&M. Uintah County, Utah.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR REGISTRATION № 2454 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
PO. BOX Q — 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE " = 1000'		DATE 4/23/82
GS, TJ,	JH	REFERENCES GLO PLAT
WEATHER COOL		FILE TXO

EXMIDIT 2

9-331 C ADDENDUM Duncan Federal #4 Section 33-T15S-R23E Uintah County, Utah

- 1. SURFACE FORMATION: Green River
- 2. ESTIMATED FORMATION TOPS:

Wasatch	770'
Mesaverde	1975'
Mancos	4750'
Dakota	8080'
Morrison	8320'
Total Depth	8400'

ESTIMATED DEPTH AT WHICH OIL, GAS, WATER OR OTHER MINERAL BEARING ZONES ARE EXPECTED TO BE ENCOUNTERED:

Expected Gas Zones: Mancos 4750' Dakota 10808

Morrison 83201

Water may be encountered in the Wasatch and the Mesaverde Formations.

- 4. CASING PROGRAM AS PER FORM 9-331 C.
- 5. PRESSURE CONTROL EQUIPMENT:
 - A. After surface casing is set, a double ram-type blowout preventer with blind rams and pipe rams, with minimum working pressure of 2000 psi (greater than the anticipated bottomhole pressure of 1100 psi), will be installed. See Exhibit 1.
 - B. A choke control, fill and kill lines with minimum working pressure of 2000 psi will be installed.
 - C. A rotating pack-off head will be installed above the blowout preventer to control flow while drilling with air.
 - D. The equipment in A and B will be pressure-tested to 2000 psi before drilling surface pipe cement, and the blowout preventer will be tested for operations daily and during trips.

MUD PROGRAM:

0'-400' 400'-5300' 5300'-TD

Gel and lime spud mud

Gelled 3% KCl mud with light WL material

Air or air mist. If necessary, will mud up with 3% KCl

mud.

7. AUXILIARY EQUIPMENT:

- A. A kelly cock will be used.
- B. A float valve will be run in the drill string above the bit.
- C. A sub with full opening valve will be kept on the derrick floor to stab into DP when kelly is not in use.
- 8. CORING, LOGGING, TESTING PROGRAM:
 - A. No coring is anticipated.
 - B. Logging: DISFL from 40' to TD, SNP-FDC-GR-CAL from 2000' above TD to TD; if logged wet, CNL-FDC-GR-CAL from 2000' above TD to TD.
- 9. ABNORMAL CONDITIONS:
 - A. No abnormal pressures or temperatures are expected.
 - B. No hazardous gases such as H₂S are expected.
 - C. While drilling with gas or air, return fluids will be directed through the blow line to the reserve pit. All open fires or ignition sources will be prohibited on location while gas or air drilling. A pilot flame will be maintained at the end of the blow line (located 125' from the wellhead) to insure burning of return gases that are combustible.

10. ANTICIPATED STARTING DATES:

Start location construction

Spud date

Complete drilling

Completed, ready for pipeline

October 1, 1982
October 5, 1982
November 5, 1982
December 1, 1982

11. Productive zones will be perforated, tested and treated as necessary. Gas will be flared during testing. Produced water will be contained in the unlined drilling reserve pit. The extent of treatment of a zone (acidizing and/or fracing) can only be determined after the zone has been tested. A completion program will be furnished after drilling and logging.

TXO PRODUCTION CORP. MULTIPOINT SURFACE USE AND OPERATIONS PLAN

DATE: June 8, 1982

WELL NAME: Duncan Federal #4

LOCATION: 575' FSL, 934' FWL, Section 33-T15S-R23E, Uintah County, Utah.

1. EXISTING ROADS

A. Proposed well site as staked. Refer to Exhibit 2. The well has been staked 575' FSL and 934' FWL in Section 33-T15S-R23E.

- B. Route and distance from nearest town or locatable reference point to where well access route leaves main road: From Mack, Colorado, proceed west on State Highway 6 & 50 for 9 miles to Two Road (in Colorado). Turn right onto Two Road and proceed north 4 miles to a fork. Take the left fork and proceed north 11.6 miles to a fork. Turn left and proceed up the San Arroyo Ridge Road 7.2 miles to a fork. Take the left fork and proceed west for 7.1 miles to a fork. Take the left fork (right fork goes to the Seep Ridge Road) and proceed southeast 2.8 miles to a fork. Take the right fork and proceed northwest along the Horse Ridge Road for 3.4 miles to the proposed Duncan Federal #4 location.
- C. Access route to location color coded in red and labeled. Refer to Exhibit 3.
- D. For development well, all existing roads within one mile color coded in yellow. Refer to Exhibit 4.
- E. Plans for improvement and maintenance of existing roads: The last 3.4 miles of existing access road will need to be upgraded. One portion of road in Section 1-T16S-R24E will need to be rerouted in order to maintain a grade of less than 8% (see Exhibit 4). During wet periods, maintenance may be necessary to allow passage by drilling rigs and well servicing vehicles. Dry periods may necessitate wetting the road to control dust.

2. PLANNED ACCESS ROAD

Show all necessary roads to be constructed or reconstructed: No new access will be required since the location falls on an existing unimproved road. If the well is commercially productive, the existing road will be crowned and bar-ditched to facilitate drainage. No drainages will be crossed, and no switchbacks will be needed. See Exhibit 4.

3. LOCATION OF EXISTING WELLS

Exhibit 5 is a one-mile radius locating and identifying the following:

- A. Water Wells-None
- B. Abandoned Wells-J. Pope, Sec. 35-T15 1/2S-R23E

- C. Temporarily Abandoned Wells-None
- D. Disposal Wells-None
- E. Drilling Wells-None
- F. Producing Wells-None
- G. Shut-in Wells-None
- H. Injection Wells-None
- I. Monitoring or Observation Wells for Other Reasons-None

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. Exhibit 5 is a one-mile radius locating the following existing facilities owned by the lessee/operator:
 - 1. Tank Batteries-None
 - 2. Production Facilities-None
 - 3. Oil Gathering Lines-None
 - 4. Gas Gathering Lines-None
 - 5. Injection Lines-None
 - 6. Disposal Lines-None
- B. If new facilities are contemplated, in the event of production, show:
 - 1. Proposed location and attendant lines in relation to the well pad. Refer to Exhibit 6.
 - 2. Dimensions of facilities: Refer to Exhibit 6.
 - 3. The production facilities will include a production pit, a blowdown pit, production unit, and, if necessary, a dehydrator. The facilities will be located as shown on Exhibit 6. The pits will be located in cut, will contain all water production and be built in accordance with NTL-2B specifications. All connection work will be done by an oil field service company using standard oil field materials.
 - 4. Protective devices and measures to protect livestock and wild-life: The water production pit will be fenced with woven wire to protect livestock and wildlife.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Location and type of water supply: Water will be purchased from Burt DeLambert, a local rancher. The source of this water is a pond located in Section 31-T15S-R23E.
- B. Method of transporting water: The water will be hauled in trucks by a certified water hauler, along the route shown in green on Exhibit 3.
- C. If water well is to be drilled, so state: No water well is contemplated.

6. SOURCES OF CONSTRUCTION MATERIALS

- A. Show information either on map or by written description: It is anticipated that cuts on location will furnish sufficient quantities of materials to construct a level location. Topsoil will be stockpiled on the southwest corner of the pad for later use during rehabilitation on the disturbed areas. Additional material, if needed, will be purchased from the dirt contractor.
- B. Identify if from Federal or Indian Land: The proposed drillsite and the last 3.4 miles of access road are located on surface owned by the State of Utah, with the exception of approximately 0.3 miles of road across private surface in Section 6-T16S-R24E.
- C. Describe where materials such as sand, gravel, stone and soil material are to be obtained and used: Materials other than that supplied by cuts on location should not be required to construct the pad and road. Approximately 3,931 cubic yards of material will be derived from cuts on location and approximately 3,280 cubic yards of fill is needed. Refer to Exhibit 7.
- D. Show any needed access roads crossing Federal or Indian Lands: The existing unimproved road along Horse Ridge passes through Sections 6 and 7-Tl6S-R24E. All of this is Utah State land with the exception of a small portion of Section 6 that is owned by W. Stevens of S & H Ranches, East Ely, Nevada. The remainder of the road passes through Sections 1 and 2-Tl6S-R23E, Section 35-Tl5 1/2S-R23E and Section 33-Tl5S-R23E, all of which is Utah State land. Refer to Exhibit 4.

7. METHODS OF HANDLING WASTE DISPOSAL

- A. Cuttings will be contained and disposed of in the reserve pit.
- B. Drilling fluids will be contained and disposed of in the reserve pit. While drilling with air or gas, a dust arresting system will be installed on the blow line.
- C. Produced fracturing fluids will be directed to the reserve pit for evaporation.
- D. Sewage: A portable chemical toilet will be on location during operations.
- E. Garbage and other trash will be placed in a trash bin and removed to a sanitary landfill upon completion.
- F. Protective Devices: The flare pit (if necessary) will be fenced with woven wire and flagged to protect animals. The reserve pit will be fenced on three sides prior to drilling, and on the fourth side before the rig moves off location.

G. Statement regarding proper cleanup when rig moves out. When the rig moves out, all trash and refuse will be removed from the location and hauled to a sanitary landfill. All pits will be filled after drying and the area restored as under Item 10 of this plan.

8. ANCILLARY FACILITIES

Identify all proposed camps and airstrips on a map as to their location, area required and construction methods: None planned.

9. WELL SITE LAYOUT ATTACHMENT AND PROPOSED RIG LAYOUT

- A. Cross section of drill pad with cuts and fills: Refer to Exhibit 7.
- B. Location of mud tank, reserve pit, trash bin, pipe racks and other facilities: Refer to Exhibit 7.
- C. Rig orientation, parking area: Refer to Exhibit 7.
- D. Statement regarding pit lining: Reserve pit will be unlined. However, if the sub-surface structure is too porous or is highly fractured, a 1 to 2 inch layer of bentonite will be used as a lining for the pit.

10. PLANS FOR RESTORATION OF SURFACE

A. Backfilling, levelling, contouring, and waste disposal: Upon completion of the well, the site will be cleared of all debris and the mouse and rat holes filled. The reserve pit will be dried and backfilled. Disturbed areas of the pad not needed for production facilities will be graded to an appearance consistent with the natural contours. These areas will then be covered with topsoil, disked and reseeded with a seed mixture recommended by BLM. If the well is not commercially productive, the entire pad will be reclaimed as described above.

In the event the well is not a producer, that portion of the access road requested by BLM to be rehabilitated will be covered with topsoil, disked and reseeded with a BLM-recommended seed mixture. Shrubby plants removed during road construction will be scattered randomly along the road to provide a natural appearance, control erosion and enhance seed production.

- B. Prior to rig release, pits will be fenced and so maintained until cleanup can be properly done.
- C. If any oil is in the pit, it will be removed or overhead flagging will be installed.
- D. Timetable for commencement and completion of rehabilitation operations: Rehabilitation will commence when drilling operations are completed, approximately December 1, 1982, and will be completed within approximately one year.

11. OTHER INFORMATION

General description of:

- A. Topography, soil characteristics, geologic features, flora, fauna: The location is on relatively flat ground. The soil in the area consists of a silty loam. Vegetation accounts for approximately 60 percent of the ground cover and is comprised of sagebrush, juniper, pinyon pine, oak brush, mountain mahogany, douglas fir, herbs and native grasses. Fauna include deer, small mammals and birds.
- B. Other surface-use activities and surface ownership of all involved lands: The affected land is state owned. The primary surface uses are oil and gas production and ranching.
- C. Proximity of water, occupied dwellings, archeological, historical or cultural sites: There are no live streams in the immediate area. Ephemeral streams flow through Main and Horse Canyons. An archeological study will be performed and results forwarded to the necessary BLM office.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVES

Include the name, address and phone number of the lessee's or operator's field representative who is responsible for assuring compliance with the approved surface use and operations plan.

Ronald E. Dashner
District Drilling Engineer
TXO Production Corp.
1800 Lincoln Center Building
1660 Lincoln Street
Denver, Colorado 80264
(303) 861-4246 - Business
(303) 690-5658 - Residence

Comments regarding the content of this plan or arrangements for an on-site inspection should be directed to:

Paul Urban
Environmental Scientist
TXO Production Corp.
1800 Lincoln Center Building
1660 Lincoln Street
Denver, Colorado 80264
(303) 861-4246 - Business
(303) 429-2908 - Residence

13. CERTIFICATES

The following statement is to be included in the plan and must be signed by the lessee's or operator's field representative who is identified in Item No. 12 of the plan.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access roads; that I am familiar with the conditions which presently exist; and that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by TXO Production Corp. and its contractors, subcontractors in conformity with this plan and the terms and conditions under which it is approved.

DATE: June 8, 1982

Ronald E. Dashner

District Drilling Engineer

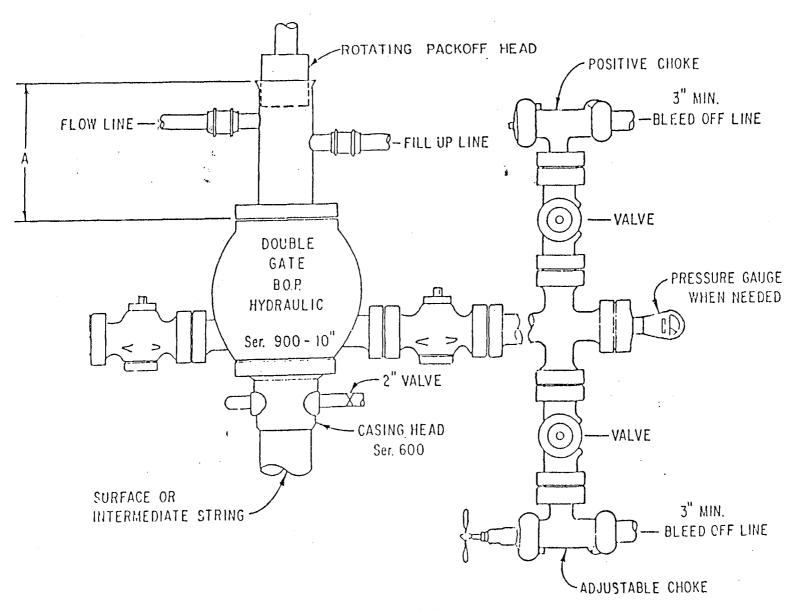
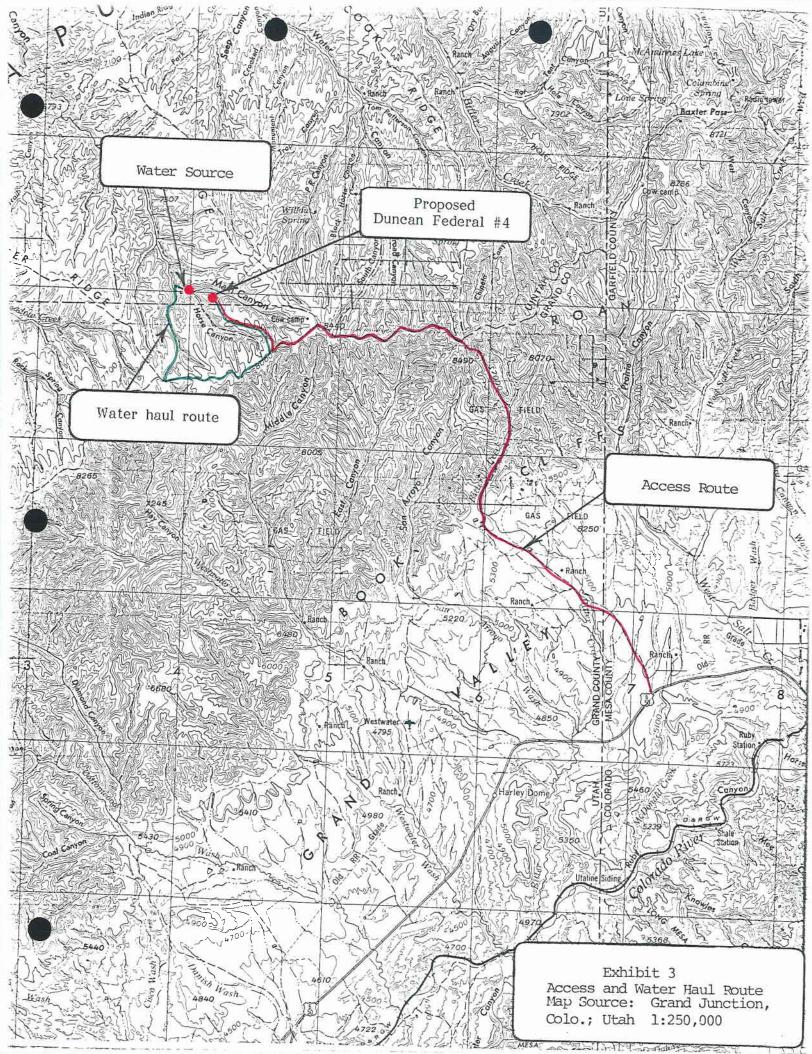
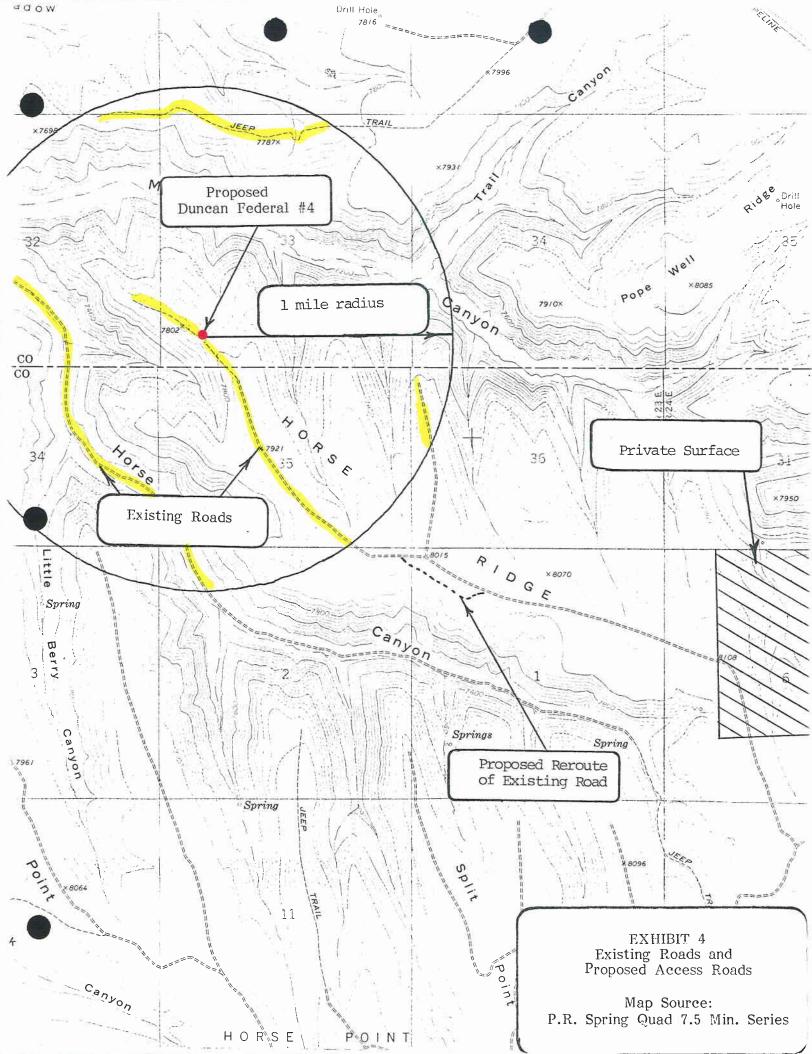
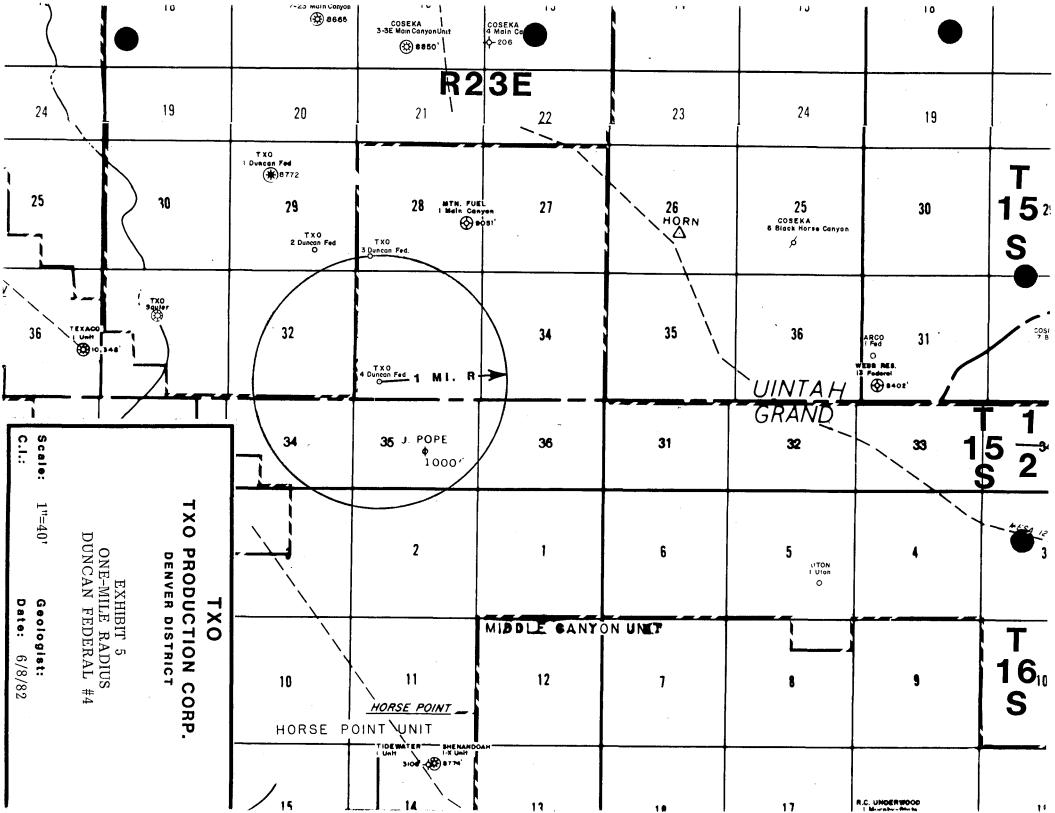
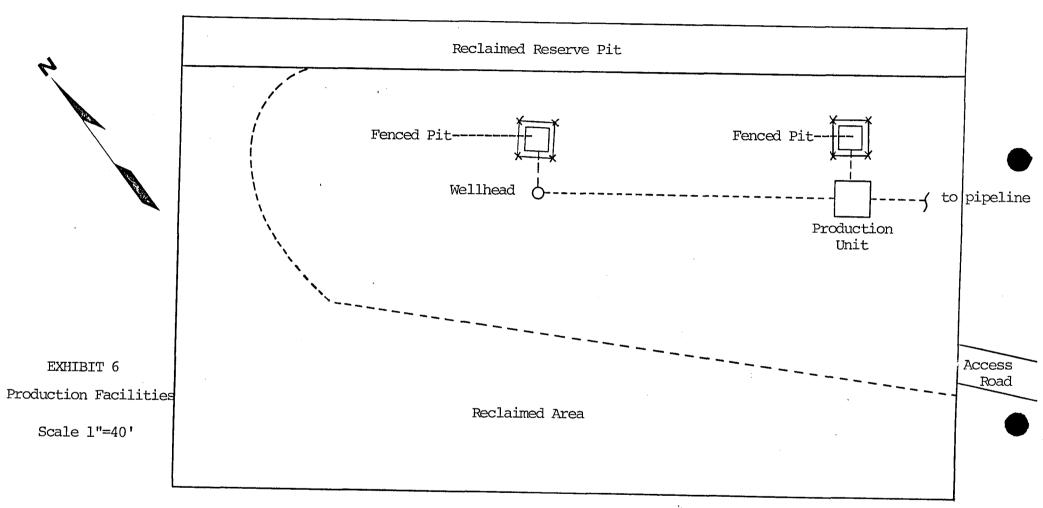


EXHIBIT I
BLOWOUT PREVENTER DIAGRAM

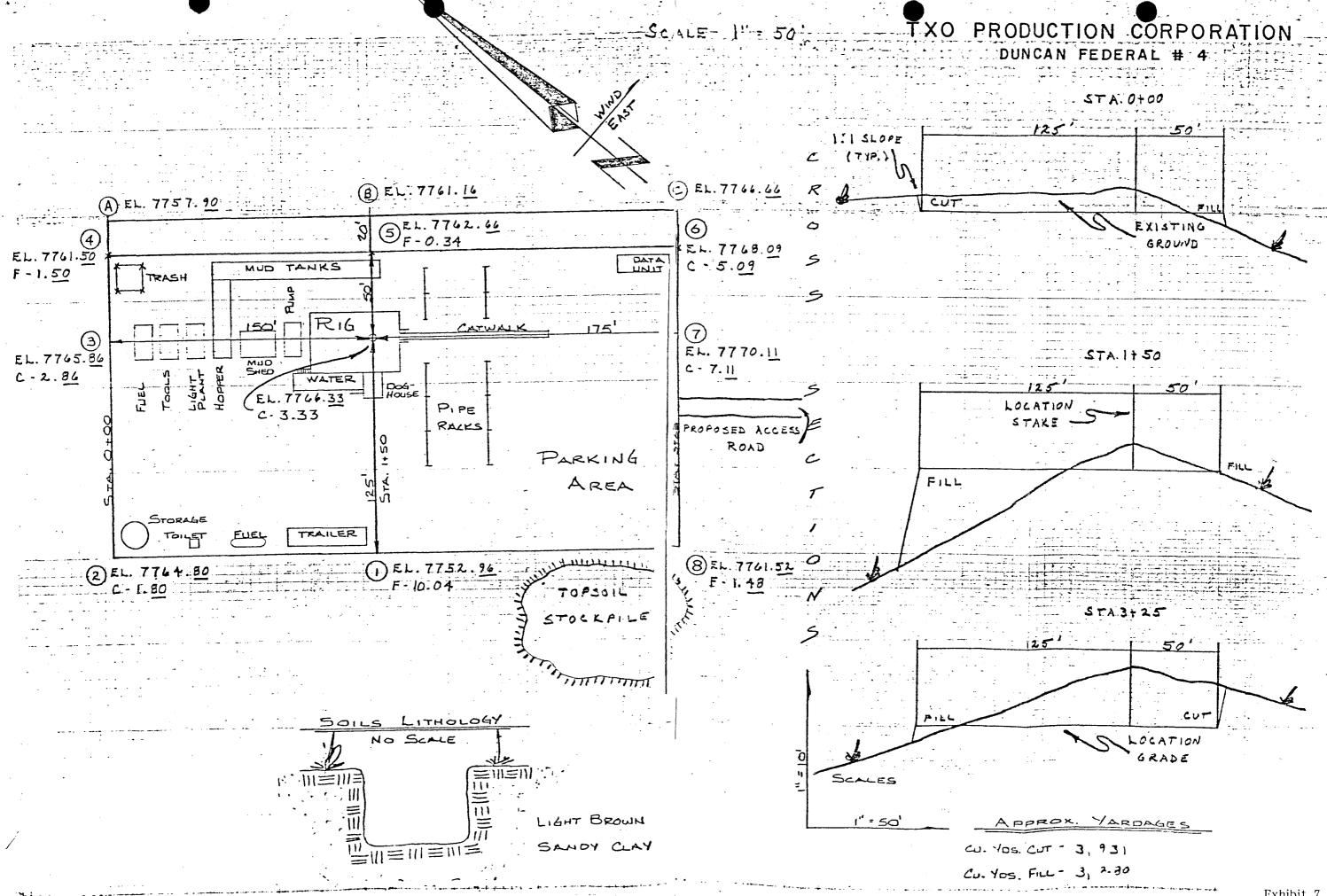








- 1) Pit will be 10' x 10' x 6' deep and will be surrounded by a fence.
- 2) Sacrificial magnesium anodes will be used, if necessary, to control corrosion.
- 3) All pipelines will be coated and wrapped, then buried.
- 4) A surface mounted high/low safety shut-down system will be installed.
- 5) Separator will be an ASME coded vessel.



** FILE NOTATIONS **

DATE	: June 16, 1982	
OPERA	ATOR: TXO Production Corp.	
WELL	NO: Duncan Federal #4	
Locat	tion: Sec. 33 T. 155 R. OBF County: Uintah	
	Prepared: Entered on N.I.D:	
Card	Indexed: Completion Sheet:	
	API Number <u>43-047-31060</u>	
CHECK	KED BY:	
	Petroleum Engineer: Church 1446 The exception 1	
	Director:	
	Administrative Aide: Cas Pen Onder Below	
APPRO	DVAL LETTER:	
	Bond Required: Survey Plat Required:	
	Order No. 149-10, 3-210-81 O.K. Rule C-3	
	Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site	
	Lease Designation FED/ Plotted on Map/	
	Approval Letter Written	
· <u>.</u>	Hot Line P.I.	

Oil and Gas Operations 2000 Administration Building 1745 West 1700 South Salt Lake City, Utah 84104 LA

TXO Production Corporation 1800 Lincoln Center Building Denver, Colorado 80264 June 17, 1982

June 17, 1982

Re: Application for Permit to Drill

well No. 4

Section 33-T15S-R23E - NE NW

Uintah County, Utah Lease No. U-15877

Gentlemen:

The referenced Application for Permit to Drill was received in this office on July 24, 1981.

We are returning your application unapproved, as your new application was received June 11, 1982.

If you have any questions, please feel free to call.

Sincerely,

E. W. Guynn District Oil & Gas Supervisor

bcc: SMA

State O&G State BLM
MMS-Vernal
Well File
APD Control

DH/dh



TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

June 23, 1982

Mr. Cleon Feight Utah Division of Oil, Gas & Mining 4241 State Office Building Salt Lake City, Utah 84114

Re: Duncan Federal #4

Section 33-T15S-R23E Grand County, Utah

Dear Mr. Feight:

TXO Production Corp. requests an administrative spacing exception for the proposed Duncan Federal #4 well located 575' FSL, 934' FWL, Section 33-T15S-R23E, Grand County, Utah. An application for permit to drill this prospect was submitted to your office on June 8, 1982. This location is being proposed in the southwest quarter because we feel it is the best geologic location. The topographic constraints in the southwest quarter dictated its current location. (See attached map.)

If you have any questions regarding this, please contact me at this office.

Very truly yours,

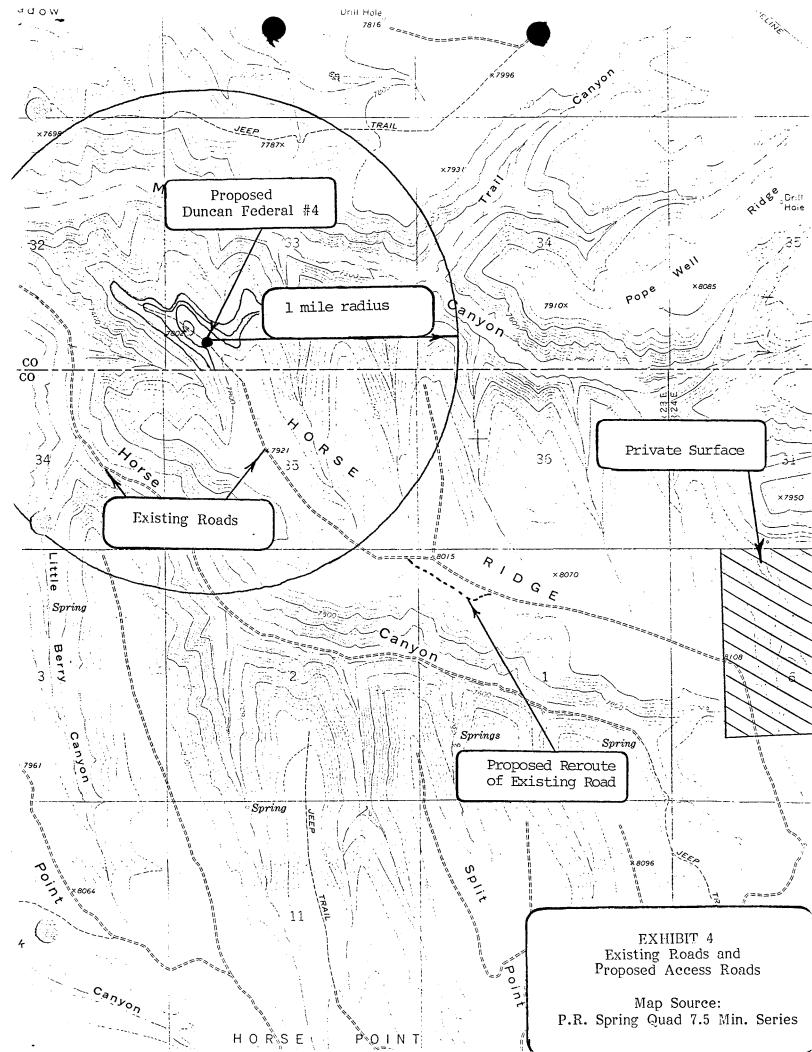
TXO PRODUCTION CORP.

Paul Urban

Environmental Scientist

PU/BS





June 29, 1982

TXO Production Corp. Attn: Paul Urban 1800 Lincoln Building Denver, Colorado 80264

> RE: Well No. Duncan Federal #4 Sec. 33, T15S, R23E Uintah County

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 149-6, dated 03-26-81.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT Office: 533-5771 Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-31060.

Sincerely,

RONALD J. FIRTH

CHIEF PETROLEUM ENGINEER

RJF:SC

cc: Minerals Management Service

Enclosure

Scott M. Matheson, Governor Temple A. Reynolds, Executive Director Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 17, 1983

TXO Production Corporation Att: Karen P. Laurie 1800 Lincoln Center Bldg. Denver, Colorado 80264

Re: See attached list of wells

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a <u>firm</u> second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse

Well Records Specialist

CF/cf

Well No. Credo Federal "A" # 3 Sec. 6, T. 16S, R. 26E. Grand County, Utah

Well No. Asphalt Creek Federal # 3 Sec. 1, T. 12S, R. 24E. Uintah County, Utah

Well No. Duncan Federal # 3 Sec. 28, T. 15S, R. 23E. UIntah County, Utah

Well No. Duncan Federal # 2 Sec. 29, T. 15S, R. 23E. Uintah County, Utah

Well No. Duncan Federal # 4 Sec. 33, T. 15S, R. 23E. Uintah County, Utah



TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING DENVER, COLORADO 80264

> TELEPHONE (303) 861-4246 March 22, 1983

Utah Division of Oil, Gas and Mining 4241 State Office Building Salt Lake City, Utah 84114

Attention: Cari Furse

WHI 19 - 1999

DIVISION OF

Re: Drilling Plans

Grand and Uintah Counties, Utah

Madam:

Pursuant to your letter of March 17, 1983 inquiring as to the drilling plans for various permitted well prospects, TXO submits the following information:

Credo Federal "A" #3 Section 6-T16S-R26E Grand County, Utah

Well postponed indefinitely; cancel permit

Asphalt Creek Federal #2 Section 10-T12S-R24E Uintah County, Utah

Well to be drilled in late 1983; reserve permit

Asphalt Creek Federal #3 Section 1-T12S-R24E Uintah County, Utah Well spudded 8/23/82; completed on 2/1/83; Completion Report will be forwarded under separate cover

Duncan Federal #2 Section 29-T15S-R23E Uintah County, Utah Well to be drilled in fall, 1983; reserve permit

Duncan Federal #3 Section 28-T15S-R23E Uintah County, Utah

Well to be drilled in fall, 1983; reserve permit

Duncan Federal #4
Section 33-T15S-R23E
Uintah County, Utah

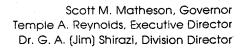
Well to be drilled in fall, 1983; reserve permit

Although our drilling schedule is tentative and subject to change, the above information provides a planning framework. If you need additional information, please contact me at this office.

Very truly yours,

TXO PRODUCTION CORP.

Karen P. Bow Environmental Scientist SCHESIDIARY OF A TEXAS
OIL & GAS GORR





4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 3, 1984

TXO Production Corporation 1800 Lincoln Center Building Denver, Colorado 80264

RE: Well No. Duncan Fed. #4

API #43-047-31060

575' FSL, 934' FWL SW/SW Sec. 33, T. 15S, R. 23E. Uintah County, Utah

Gentlemen:

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded effective one calendar month from the date of this notice.

A new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

Respectfully,

Norman C. Stout

Administrative Assistant

NCS/cj



TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

January 18, 1984



DIVISION OF ONL, GAS & MINING

Utah Division of Oil, Gas & Mining 4241 State Office Building Salt Lake City, Utah 84114

Attention: Norm Stout

Re: Duncan Federal #4

API #43-047-31060 Section 33-T15S-R23E Uintah County, Utah

Gentlemen:

TXO has no immediate plans to drill the referenced well. If the decision is made to drill sometime in the future, TXO will file a new Application for Permit to drill with your office.

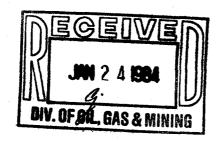
Very truly yours,

TXO PRODUCTION CORP.

Karen P. Bow

Environmental Scientist

KPB/gbp





JUN 12 17 4

3100 U-810 DIVISION OF OIL.

June 8, 1984

TXO Production Corporation 1800 Lincoln Center Building Denver, CO 80264 Attn: Paul Urban

> Re: Resciad Application for Permit to Drill Well No. Duncan Federal 4 Section 33, T15S, R23E Uintah County, Utah Lease U-15877

Gentlemen:

The Application for Perait to Drill the referenced well was approved on September 30, 1982. Since that date, no known activity has transpired at the approved location. Under current District policy, applications for permit to drill are effective for a period of one year. In view of the foregoing, this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

Donald C. Alvord Associate District Manager

cc: Well File State 0 & G * SMA

Browth ma